

ITEM: 22

SUBJECT: Uncontested Time Schedule Orders

REPORT: Following are proposed Time Schedule Order. All agencies and the dischargers concur, or have offered no comments. Consideration of Time Schedule Orders

a	<p>City of Vacaville Easterly Wastewater Treatment Plant, Solano County</p> <p>On 18 March 2010, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) adopted amended Time Schedule Order (TSO) R5 2008 0056 01, prescribing compliance time schedules for the City of Vacaville (Discharger) for the Easterly Wastewater Treatment Plant in Solano County. The Facility discharges secondary treated wastewater to Old Alamo Creek, a tributary to the Sacramento-San Joaquin Delta.</p> <p>The Discharger is constructing the Easterly WWTP Denitrification Improvements Project to reduce nitrate concentrations in the effluent to comply with final nitrate effluent limitations in Waste Discharge Requirements Order R5-2008-0055-01. As part of the Denitrification Improvements Project it is necessary to temporarily take facilities out of service, which reduces the nitrate removal efficiency. By letter dated 16 March 2012, the Discharger requested a change to the interim performance-based effluent limits for nitrate to represent the current Facility performance. Based on the recent changes to the Facility, the proposed Order amends TSO R5 2008 0056-01 to modify the interim performance-based effluent limits for nitrate.</p> <p>No comments have been received at the time the agenda was due. The 30 day public comment period ends on 27 July 2012.</p>
b	<p>Mountain House Community Services District Wastewater Treatment Plant, San Joaquin County</p> <p>The Central Valley Regional Water Quality Control Board (Central Valley Water Board) adopted Waste Discharge Requirements Order R5-2007-0039, (NPDES No. CA0084271) on 4 May 2007, for the Mountain House Community Services District (District), Mountain House Wastewater Treatment Plant (Facility), San Joaquin County. The Facility is permitted to discharge an average daily flow of 5.4 million gallons per day of tertiary treated wastewater to Old River, a water of the United States, within the Sacramento-San Joaquin Delta.</p> <p>On 3 November 2008, the District submitted an Infeasibility Analysis and Time Schedule Justification Report (Report) to the Central Valley Water Board. The Report demonstrated that it is infeasible for the District to achieve immediate compliance with the effluent limitations for dibromochloromethane (DBCM), dichlorobromomethane (DCBM), and total trihalomethanes required in the Order R5-2007-0039. These compounds are disinfection byproducts that are created when chlorine is used for disinfection or other purposes at wastewater treatment facilities. The Facility utilizes an ultraviolet light disinfection system and chlorine is not used within the Facility for operations or maintenance. Therefore, the source of the compounds was not readily apparent. The District requested a time schedule until August 2012, for compliance</p>

	<p>with the final effluent limitations for these compounds. Time Schedule Order R5-2009-0013 was adopted by the Central Valley Water Board on 5 February 2009.</p> <p>On 27 April 2012, the District submitted an updated Report to the Central Valley Water Board, which demonstrated compliance with the DBCM and DCBM effluent limitations was still infeasible. The source of these compounds has been determined to be external to the Facility. The Pollution Prevention Plan (PPP) identified sources of DBCM and DCBM to the Facility which include community water supplied by the Mountain House Water Treatment Plant (WTP), trihalomethanes produced in the service area from the WTP residual chlorine disinfectant dose and domestic sources of chlorine (e.g., swimming pool or spa discharges, use of chlorine bleach products). The District has requested a dilution credit and if granted, effluent limitations for DBCM and DCBM will be adjusted. Additional compliance actions include 1) using chloramines residual in the water supply, and 2) investigations into optimization and treatment at the Facility to reduce DBCM and DCBM concentrations in the effluent. The District requested an extension of their TSO for DBCM and DCBM until 23 June 2017.</p> <p>No comments were received from interested persons on the proposed Order.</p>
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RECOMMENDATION: Adopt the proposed Time Schedule Orders.

Mgmt. Review _____

Legal Review _____

2/3 August 2012

Central Valley Regional Water Quality Control Board meeting
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670